

Performance Bulletin

YPB#: PB_CPH_31CC_t_F350TXR_8-3-07_OCC

Test Date:

8/3/07

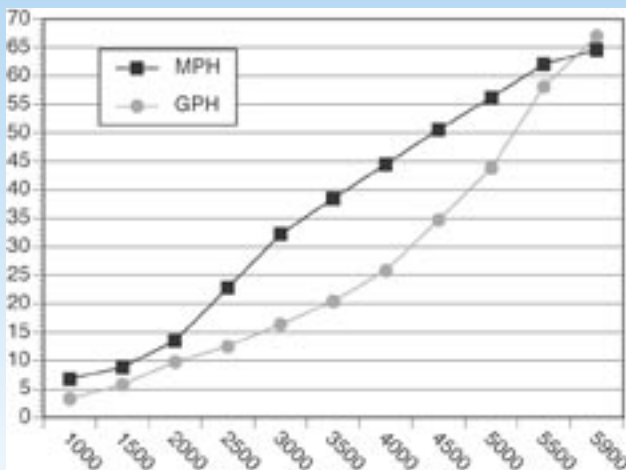


F350TXR / LF350TXR

Performance Data

RPM	MPH	GPH	MPG
1000	6.8	3.3	2.06
1500	8.8	5.8	1.52
2000	13.5	9.8	1.38
2500	22.8	12.5	1.82
3000	32.2	16.4	1.96
3500	38.5	20.4	1.89
4000	44.5	25.8	1.73
4500	50.6	34.7	1.46
5000	56.2	43.8	1.28
5500	62.1	58.1	1.07
5900	64.6	67.0	0.96

Seconds to Plane 4.01



Test performed and certified by Yamaha Application Engineers.

Boat Manufactured By:

Fabbro Marine Group • 5552 Industrial Boulevard • Milton, FL 32583
(850) 626-2211 • www.capehornboats.com

Cape Horn 31 CC

Length	31' 8"
Beam	9' 1"
Dry Weight (published)	4,900 lbs.
Max HP	700
Fuel Capacity	290 gals.
Weight as Tested (approximate)	8,779 lbs.

Yamaha F350TXR / LF350TXR

Horsepower	350
Fuel Induction	Electronic Fuel Injection
Displacement	325.3 cu. in.
Weight	804 lbs.
Gear Ratio	1.73
Mounting Height	#1

Propeller

Series	Saltwater Series XL
Diameter/Pitch	15-1/4 x 23
Yamaha Part #	6AW-45976-00-00 / 6AX-45976-00-00

Test Conditions

Number of People	3
Air Temperature	93° F
Water Temperature	85° F
Elevation	Sea Level
Wind Velocity	0-5 MPH

Comments:

Test weight includes 75 gallons of fuel, three batteries, full electronics, T-top, leaning post/livewell, 90 gal. water in livewells, safety and test equipment.

Note:

Data may vary due to changes in weather, elevation, options and equipment, load and boat bottom conditions. Fuel data gathered with Yamaha's Command Link® fuel management system. Speed data gathered with GPS receiver.

For more information:

Yamaha Motor Corp., USA • OEM Division, Marine Group
1270 Chastain Road NW • Kennesaw, GA 30144 • (800) 88-YAMAHA
For other Performance Bulletins, visit www.yamaha-motor.com.

Test Date: 3/26/2010

PERFORMANCE			
RPM	MPH	GPH	MPG
1000	6.8	2.6	2.67
1500	8.2	4.4	1.89
2000	14.0	6.5	2.16
2500	20.4	9.5	2.15
3000	29.8	13.0	2.29
3500	36.2	16.9	2.14
4000	42.3	23.2	1.82
4500	47.0	29.1	1.62
5000	52.5	36.5	1.44
5500	57.3	44.8	1.28
5800	60.3	52.6	1.15
ACCELERATION			
TIME TO PLANE		3.58	
0 ~ 30 MPH		6.08	
RADAR GUN			
COMMENTS			
Boat equipped with FRP T-Top, FRP Leaning Post/Livewell, two batteries, 70 gallons,			
TEST CONDITIONS			
NUMBER OF PEOPLE		2	
AIR / WATER TEMP (Fahrenheit)		65° F / 65° F	
ELEVATION (IN FEET ABOVE SEA LEVEL)		Sea Level	
WIND VELOCITY		10~15 mph	

MANUFACTURER INFO	
NAME:	Cape Horn - Fabbro Marine
STREET:	5552 Industrial Blvd.
CITY, STATE, ZIP:	Milton, FL 32583
PHONE:	850-626-2211
FAX:	850-626-2981
WEBSITE:	www.capehornboats.com
BOAT DETAILS	
BOAT MODEL	31T
LENGTH	31' 8"
BEAM	9' 1"
DRY WEIGHT (Boat Mfr. Pub.)	4900
MAXIMUM HP	700 HP
FUEL CAPACITY	290
WEIGHT AS TESTED	7070
ENGINE DETAILS	
ENGINE MODEL/S	F300XCA / LF300XCA
HORSEPOWER	300 HP @ 5500 RPM
INDUCTION	EFI/VCT/DOHC
DISPLACEMENT	256.3 CI
WEIGHT	558 LBS
GEAR RATIO	1.75
ENGINE MOUNTING HEIGHT	
MOUNTING HOLE POSITION	#1
VENTILATION PLATE HEIGHT	na
PROPELLER/S	
SERIES	SALTWATER SERIES II
DIAMETER/PITCH	15 x 21
YAMAHA PART # (sgl/twin)	6D0-45972-00-00 (R) / 6D1-45972-00-00 (L)
YAMAHA PART # (center)	
PROPELLER MATERIAL	POLISHED STAINLESS STEEL